

## **Aim- Create a simple webpage using HTML5 Semantic and Structural Elements**

### **Code-**

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<link rel="stylesheet"  
href="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/css/materialize.min.css">
```

```
<script  
src="https://cdnjs.cloudflare.com/ajax/libs/materialize/1.0.0/js/materialize.min.js"></script>
```

```
<style>
```

```
aside {  
    width: 30%;  
    padding-left: 15px;  
    margin-left: 15px;  
    margin-bottom: 115px;  
    float: right;  
    font-style: italic;  
    background-color: lightgray;  
}
```

```
body{
```

```
background: rgb(2,0,36);
```

```
background: linear-gradient(90deg, rgba(2,0,36,1) 0%, rgba(88,88,200,1) 42%,  
rgba(0,212,255,1) 100%);
```

```
color: white;
```

```
}
```

```
footer {
```

```
    text-align: center;
```

```
    padding: 3px;
```

```
    background-color: black;
```

```
    color: white;
```

```
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<header>
```

```
<nav class="black">
```

```
<ul>
```

```
    <li><a href="/home">Home</a></li>
```

```
</ul>
```

```
</nav>
```

```
</header>
```

<div class="container" style="padding: 20px;">

<h1> Welcome to the Blog!</h1>

<p>Certain skills are growing in demand. Skills that can almost guarantee your jobs and opportunities for years and decades to come.</p>

<p>One of these skills is web development.</p>

<h2>What/Who is a Web Developer?</h2>

<article>

Here's the simple answer to this question: They build and maintain websites.

In other words – they literally create how you experience the web. The websites which want users to enjoy their experience need great web developers – and they're usually willing to fork over some serious cash to get these great web developers.

</article>

<section>

<h4>Responsibilities of a web developer:</h4>

<ol>

<li>Write web pages with a combination of markup languages.</li>

<li>Create quality mockups and prototypes.</li>

<li>Build a WordPress site from scratch.</li>

<li>Understand HTML and CSS.</li>

<li>Develop functional and appealing websites and web-based applications.</li>

</ol>

<article>

These are the most common requirements, but your responsibilities and tasks will vary depending on the web development gig as well as your web development specialty.

Speaking of web development specialties, there are three that you should be aware of:

Frontend development: The “frontend” refers to “stuff” on a website that you see and interact with, e.g. menus, dropdowns, etc.

Backend development: The “backend” is like the portion of the iceberg below the surface. Without it, the website can’t function. The backend deals with servers, applications, databases, etc.

Full-stack development: This is the combination of both backend and frontend development.

</article>

</section>

<div class="row">

<figure>



<figcaption class="yellow lighten-1"> Web Dev</figcaption>

</figure>

</div>

<aside>

<p>Hypertext Markup Language, a standardized system for tagging text files to achieve font, colour, graphic, and hyperlink effects on World Wide Web pages.</p>

</aside>

<aside>

<p>Cascading Style Sheets is a style sheet language used for describing the presentation of a document written in a markup language like HTML. CSS is a cornerstone technology of the World Wide Web, alongside HTML and JavaScript.</p>

</aside>

<aside>

<p>JavaScript, often abbreviated as JS, is a programming language that conforms to the ECMAScript specification. JavaScript is high-level, often just-in-time compiled, and multi-paradigm. It has curly-bracket syntax, dynamic typing, prototype-based object-orientation, and first-class functions.</p>

</aside>

<section>

<h4 class="center-align">Media Elements</h4>

<br>

<h5 class="left-align"> Video</h5><br>

<iframe width="560" height="315" src="https://www.youtube.com/embed/3JluqTojuME" frameborder="10" allow="accelerometer; autoplay; encrypted-media; gyroscope; picture-in-picture" allowfullscreen></iframe>

<br>

<h5 class="left-align"> Audio</h5><br>

<audio controls>

<source src="music.mp3" type="audio/mpeg">

</audio>

</section>

<br>

<details>

<summary>Bootcamp Detail</summary>

<p>Master virtual collaboration for team-based innovation. Connect with like-minded peers from around the globe. Networking Opportunities. Online Experience. Bootcamp. Collaborative Learning. MIT Coaches.</p>

</details>

</div>

<p><b>Note:</b> The details tag is not supported in Edge (prior version 79).</p>

</body>

<footer>

<p>By- RA1711003010781<br>

</footer>

</html>